

**From:** [Ruhl, Christopher](#)  
**To:** [Waite, Andrew](#); [Delgado, Eric](#); [Todd, Brandi](#)  
**Cc:** [Crossland, Ronnie](#)  
**Subject:** Re: Corpus Christi Incident: City flushing Status  
**Date:** Sunday, December 18, 2016 12:39:51 PM

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Andy-

You mentioned that City routinely discharges due to an ongoing nitrate issue. Do you know when the City anticipates this may resume?

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**From:** Waite, Andrew  
**Sent:** Sunday, December 18, 2016 12:21:31 PM  
**To:** Ruhl, Christopher; Delgado, Eric; Todd, Brandi  
**Cc:** Crossland, Ronnie  
**Subject:** RE: Corpus Christi Incident: City flushing Status

No. sorry I'm not clear.

TCEQ required minimum volumes to be flushed in dead ends. City crews use totalizers to measure the amount of water discharged in each section of the dead end line. The crews sum the values to get the total volume discharged. In the QA step, the city engineer takes the data and checks it against the requirements to ensure the volume discharged was sufficient. If it was not, bad math by the field crews, bad instructions received etc., the City engineer will then send the crew back out.

As of 9 am today the crews reported back to the engineer that the flushing was done and turned in their sums.

Regards

Andrew J. Waite  
R6 WQ-SD  
214.665.7332

After a momentary silence spake

Some Vessel of a more ungainly Make;

"They sneer at me for leaning all awry:

"What! did the Hand then of the Potter shake?"

 [Water: What is it Worth to You?](#)

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**From:** Ruhl, Christopher  
**Sent:** Sunday, December 18, 2016 12:13 PM  
**To:** Waite, Andrew <Waite.Andrew@epa.gov>; Delgado, Eric <Delgado.Eric@epa.gov>; Todd, Brandi <Todd.Brandi@epa.gov>  
**Cc:** Crossland, Ronnie <Crossland.Ronnie@epa.gov>  
**Subject:** Re: Corpus Christi Incident: City flushing Status



9805172

Thanks Andy. Sorry I not familiar with what "The data (of flows per section) is being QAed at this time. If that QA shows that not enough volume had been flushed, city crews will go back out today to re flush." means. Is that for the nitrates which is a separate issue and not related to this incident?

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**From:** Waite, Andrew

**Sent:** Sunday, December 18, 2016 12:09 PM

**To:** Ruhl, Christopher; Delgado, Eric; Todd, Brandi

**Subject:** Corpus Christi Incident: City flushing Status

As of 9am today, December 18, 2016, The city has completed all flushing that TCEQ required as an action based on the cross contamination event. The data (of flows per section) is being QAed at this time. If that QA shows that not enough volume had been flushed, city crews will go back out today to re flush.

The City has a storm water permit (MS4) expired in 2013 but applied timely for renewal so it still in effect.

Regards

Andrew J. Waite

R6 WQ-SD

214.665.7332

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